



Connectors > Power Connectors > Power Contacts > TYPE III CONTACTS STRIP



Power Contact Type: **Contact**
Contact Mating Area Plating Material: **Gold**
Wire Size: **.8 – 1.4 mm²**
Connector & Contact Terminates To: **Wire & Cable**

[All TYPE III CONTACTS STRIP \(55\)](#)

Features

Product Type Features

Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Test Current	13 A
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Contact Features

Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	13 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material	Tin
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	.76 µm[30 µin]



Contact Size	16
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Wire Insulation Support	With
Dimensions	
Wire Size	.8 – 1.4 mm ²
Accepts Wire Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]
Usage Conditions	
Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
Operation/Application	
Circuit Application	Power & Signal
Packaging Features	
Packaging Method	Reel
Packaging Quantity	4000
Other	
Wire/Cable Type	Discrete Wire
For Use With	CPC Connectors, G Series Connectors, M Series Connectors
Comment	Overall insulation crimp diameter, including crimp barrel, must not exceed 3.18 [.125]., PRO-CRIMPER II # 58495-1 Hand Tool for field repair use only.

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC



Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 TE Part # CAT-AM71-C83998C CMC SERIES 1	 TE Part # CAT-AM71-C83998Y CPC SERIES 1 SEALED ONE-PIECE	 TE Part # CAT-AM71-C83998J CPC SERIES 1	 TE Part # CAT-AM71-C83998K CPC SERIES 6
 TE Part # 58495-2 PROCRIMPER DIE ASSY MULTIMATE	 TE Part # 91505-1 CCII TYPE III+ 24-16 ASSY	 TE Part # 200893-2 INSERTION TOOL CONT	 TE Part # 58495-1 PRO CRIMPER ASSY MULTIMATE
 TE Part # 539972-1 EXTRACTION TOOL	 TE Part # 305183 EXTRACT TOOL TYPE 2 20-16	 TE Part # 2305570-1 TERMINAL CUTTER, SIDE FEED	 TE Part # 2151023-1 OCEAN_2.0_Applicator-S-080F120O



TE Part # 2-2151023-1
OCEAN_2.0_Applicator-S-080F1200

TE Part # 2-2151023-2
OCEAN_2.0_Applicator-S-080F1200

TE Part # 2151023-2
OCEAN_2.0_Applicator-S-080F1200

TE Part # 5-2151023-1
OCEAN_2.0_Applicator-S-080F1200

TE Part # 5-2151023-2
OCEAN_2.0_Applicator-S-080F1200

TE Part # 7-2151023-1
OCEAN_2.0_Applicator-S-080F1200

TE Part # 7-2151023-2
OCEAN_2.0_Applicator-S-080F1200

TE Part # 7-2151023-7
OCEAN_2.0_SPARE_PART_KIT-080F1200

Also in the Series | AMP Type III+

Insertion & Extraction Tools(4)

Power Contacts(405)

Customers Also Bought

TE Part #1735482-2
Free Height Receptacle Conn: Board-Board, Vertical, 60, 0.8mm

TE Part #1658670-1
D-Sub Connector Contacts: Pin, Brass, Signal, Size 22

TE Part #1116503-2
MJ,10MM,8P,SHLD,NOPNL TABS,SN

TE Part #130130
SOLIS R 16-14 M6

TE Part #160860-4
FF 250 REC 0.5-1.0MM2 TPPB

TE Part #T2010033201-000
HA-003-FS

TE Part #1806950001
RPS COMMERCIAL GRADE SLEEVES

TE Part #164161-4
M-SRS.PIN BODY 3+



Documents

Product Drawings

III+ SKT,18-16,30AU/FL,STRIP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66100-9_BJ.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_66100-9_BJ.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66100-9_BJ.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Signal Contacts

English

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

AMP Circular Connectors for Commercial Signal & Power Applications

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_66100-9_07292015929_dmtec

English

MD_66100-9_07292015929_dmtec

English



Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

Japanese

Agency Approvals

Agency Approval Document

English